

# EUROPEAN PATENT OFFICE

## Patent Abstracts of Japan

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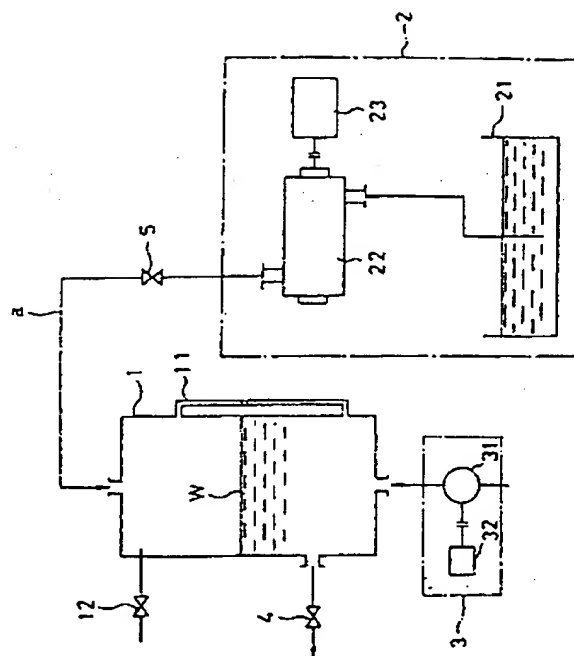
APPLICATION DATE : 15-11-88  
APPLICATION NUMBER : 63289645

APPLICANT : KUBOTA LTD;

INVENTOR : FUKAHORI MASAHISA;

INT.CL. : C02F 1/20

TITLE : METHOD FOR MAKING WATER  
TURBID



ABSTRACT : PURPOSE: To make water highly turbid by dissolving a gas in water under pressurized conditions, and then instantaneously releasing the water under reduced-pressure conditions.

CONSTITUTION: Air is injected by an air feeder 3 into the transparent water W supplied to a pressure vessel 1 from a water feeder 2 through a water supply pipe (a). The pressure in the pressure vessel 1 is increased to a specified pressure to dissolve the air in the water W. The water contg. dissolved air is released through a throttle valve mechanism 4 such as an orifice into the outside kept at a pressure lower than the pressure in the pressure vessel 1 to supersaturate and vaporize the dissolved air. The water feeder 2 is provided with a water tank 21, a high-pressure water feed pump 22, and a pump driving motor 23, and the atomized water is supplied into the pressure vessel 1 from the top. By this method, the turbidity of the water is kept for a long time.

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